In the Claims:

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please cancel claims 1-13, 30, 33, 35-36, 38-41, 43-46, and 48-49 without prejudice or disclaimer.

Please amend claim 31.

1-13. (Canceled).

14. (Original) A method for micronizing a hydrophobic agent, comprising: dissolving a hydrophobic agent in an effective amount of a first solvent, with a polymer, wherein the hydrophobic agent and the first solvent form a mixture having a continuous phase, introducing a second solvent into the mixture, and introducing an aqueous solution into the mixture wherein the aqueous solution causes precipitation of the hydrophobic agent to produce a composition of micronized hydrophobic agent having an average particle size of 1 micron or less.

15. (Original) The method of claim 14, wherein the preparation contains less than 5% polymer.

16. (Original) The method of claim 14, wherein the polymer is removed by the aqueous solution.

17. (Original) The method of claim 14, further comprising preparing microparticles by spray drying the micronized hydrophobic agent.

18. (Original) The method of claim 14, further comprising preparing microparticles of the micronized hydrophobic agent by a method selected from the group consisting of: interfacial condensation, hot melt encapsulation, and phase separation encapsulation.

19. (Original) The method of claim 14, further comprising preparing microparticles by performing phase inversion nanoencapsulation on the micronized hydrophobic agent.

20. (Original) The method of claim 14, wherein the second solvent is an alcohol.

21. (Original) The method of claim 20, wherein the alcohol is selected from the group consisting of: methanol (methyl alcohol), ethanol, (ethyl alcohol), 1-propanol (n-propyl alcohol), 2-propanol (isopropyl alcohol), 1-butanol (n-butyl alcohol), 2-butanol (sec-butyl alcohol), 2-methyl-1-propanol (isobutyl alcohol), 2-methyl-2-propanol (t-butyl alcohol), 1-pentanol (n-pentyl alcohol), 3-methyl-1-butanol (isopentyl alcohol), 2,2-dimethyl-1-propanol (neopentyl alcohol), cyclopentanol (cyclopentyl alcohol), 1-hexanol (n-hexanol), cyclohexanol (cyclohexyl alcohol), 1-heptanol (n-heptyl alcohol), 1-octanol (n-octyl alcohol), 1-nonanol (n-nonyl alcohol), 1-decanol (n-decyl alcohol), 2-propen-1-ol (allyl alcohol), phenylmethanol (benzyl alcohol), diphenylmethanol (diphenylcarbinol), triphenylmethanol (triphenylcarbinol), glycerin, phenol, 2-methoxyethanol, 2-ethoxyethanol, 3-ethoxy-1,2-propanediol, di(ethylene glycol) methyl ether, 1,2-propanediol, 1,3-propanediol, 1,3-butanediol, 2,3-butanediol, 1,4-butanediol, 1,2-pentanediol, 1,3-pentanediol, 1,4-pentanediol, 1,5-pentanediol, 2,3-pentanediol, 2,4-pentanediol, 2,5-pentanediol, 3,4-pentanediol, and 3,5-pentanediol.

22. (Original) The method of claim 20, wherein the alcohol is isopropanol.

23. (Original) The method of claim 14, wherein the second solvent is a mixture of alcohols.

24. (Original) The method of claim 23, wherein the mixture of alcohols comprises: two or more of the alcohols selected from the group consisting of: methanol (methyl alcohol), ethanol, (ethyl alcohol), 1-propanol (n-propyl alcohol), 2-propanol (isopropyl alcohol), 1-butanol (n-butyl alcohol), 2-butanol (sec-butyl alcohol), 2-methyl-1-propanol (isobutyl alcohol), 2-methyl-2-propanol (t-butyl alcohol), 1-pentanol (n-pentyl alcohol), 3-methyl-1-butanol (isopentyl alcohol), 2,2-dimethyl-1-propanol (neopentyl alcohol), cyclopentanol (cyclopentyl alcohol), 1-hexanol (n-hexanol), cyclohexanol (cyclohexyl alcohol), 1-heptanol (n-heptyl alcohol), 1-octanol (n-octyl alcohol), 1-nonanol (n-nonyl alcohol), 1-decanol (n-decyl alcohol), 2-propen-1-ol (allyl alcohol), phenylmethanol (benzyl alcohol), diphenylmethanol

(diphenylcarbinol), triphenylmethanol (triphenylcarbinol), glycerin, phenol, 2-methoxyethanol, 2-ethoxyethanol, 3-ethoxy-1,2-propanediol, di(ethylene glycol) methyl ether, 1,2-propanediol, 1,3-propanediol, 1,3-butanediol, 2,3-butanediol, 1,4-butanediol, 1,2-pentanediol, 1,3-pentanediol, 1,4-pentanediol, 1,5-pentanediol, 2,3-pentanediol, 2,4-pentanediol, 2,5-pentanediol, 3,4-pentanediol, and 3,5-pentanediol.

25. (Original) The method of claim 14, wherein greater than 90% of the micronized hydrophobic agent have a particle size less than 1 micron.

26. (Original) The method of claim 14, wherein the hydrophobic agent is dissolved by heating the hydrophobic agent in the first solvent.

27. (Original) The method of claim 14, wherein the hydrophobic agent is dissolved by sonicating the hydrophobic agent in the first solvent.

28. (Original) The method of claim 14, wherein the hydrophobic agent is dissolved by high shearing the hydrophobic agent in the first solvent.

29. (Original) The method of claim 14, wherein the hydrophobic agent is dissolved by high stirring the hydrophobic agent in the first solvent.

30. (Canceled).

31. (Currently Amended) A preparation of micronized hydrophobic agent prepared according to the method of ~~any one of claims 14-29~~ claim 14.

32. (Original) A composition, comprising a preparation of micronized hydrophobic agent having an average particle size of less than 1 micron, wherein the preparation is composed of less than 5% polymer carrier and is free of surfactant.

33. (Canceled).

34. (Original) A composition, comprising a preparation of micronized hydrophobic agent having an average particle size of less than 1 micron, wherein the preparation is free of polymer carrier and wherein the crystallinity of the micronized hydrophobic agent is at least 50% of the crystallinity of the non-micronized hydrophobic agent.

35-36. (Canceled).

37. (Original) A method for delivering an agent to a subject, comprising:
orally administering a solid preparation of micronized hydrophobic agent having an average particle size of less than 1 micron, wherein the preparation is composed of less than 5% polymer and is free of surfactant.

38-41. (Canceled).

42. (Original) A method for delivering an agent to a subject, comprising:
administering microparticles of a micronized hydrophobic agent encapsulated by phase inversion nanoencapsulation having an average particle size of less than 1 micron, wherein the preparation is composed of less than 5% polymer and is free of surfactant.

43-46. (Canceled).

47. (Original) A method for achieving 100% bioactivity comprising:
orally administering to the subject a solid preparation of micronized hydrophobic agent having an average particle size of less than 1 micron and wherein 100% of the orally administered agent is bioactive.

48-49. (Canceled).